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**Limits: Publication Date to 1999**

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- #8 Search benzimidazole Field: Title/Abstract, Limits: Publication Date to 1999, Review
- #5 Search #1 and #2 Field: Title/Abstract, Limits: Publication Date to 1999, Review
- #4 Search #1 and #2 Field: Title/Abstract, Limits: Publication Date to 1999
- #3 Search #1 and #2 Field: Title/Abstract
- #2 Search combination Field: Title/Abstract
- #1 Search chemotherapy Field: Title/Abstract

09:16:17 80  
09:15:40 2773  
09:11:55 17100  
09:11:31 24064  
09:11:17 271075  
09:11:07 131868

Clear History

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Jan 12 2005 06:52:28

## WEST Search History





DATE: Monday, January 24, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,EPAB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L37	L36 not @ay>2000	32
<input type="checkbox"/>	L36	L35 and chemothera\$	67
<input type="checkbox"/>	L35	l11 and l10	122
<input type="checkbox"/>	L34	L32 not @ay>2000	84
<input type="checkbox"/>	L33	L32 not @ay>2001	123
<input type="checkbox"/>	L32	L30 and L21	237
<input type="checkbox"/>	L31	L30.clm.	29886
<input type="checkbox"/>	L30	cancer\$ or tumor\$ or neoplas\$	154416
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<input type="checkbox"/>	L24	L21.ab.	2
<input type="checkbox"/>	L23	L21.clm.	61
<input type="checkbox"/>	L22	L21 and L7	293
<input type="checkbox"/>	L21	mebendazole	506
<input type="checkbox"/>	L20	L19 and L13	3
<input type="checkbox"/>	L19	p53 or MDA-7	11084
<input type="checkbox"/>	L18	p53 of MDA-7	0
<input type="checkbox"/>	L17	L16 and L13	0
<input type="checkbox"/>	L16	tumor suppressor	7830
<input type="checkbox"/>	L15	L14 and L13	0
<input type="checkbox"/>	L14	tumor suppressor gene	5300
<input type="checkbox"/>	L13	L12 not @ay>2000	53
<input type="checkbox"/>	L12	L11 and L10	122
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<input type="checkbox"/>	L10	L7.ab.	40020
<input type="checkbox"/>	L9	L8 not @ay>2000	344
<input type="checkbox"/>	L8	L7 and L6	779

<input type="checkbox"/>	L7	cancer\$ or anticancer\$ or tumor\$ or antitumor\$ or neoplas\$ or antineoplas\$ or angiogen\$ or antiangiogen\$ or apoptosis or apopto\$	165211
<input type="checkbox"/>	L6	L5 or L4 or L3	4703
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<input type="checkbox"/>	L4	L2.ab.	1678
<input type="checkbox"/>	L3	L2.ti.	1398
<input type="checkbox"/>	L2	benzimidazole\$	22111
<input type="checkbox"/>	L1	benzimidazole	21459

END OF SEARCH HISTORY

FILE 'MEDLINE' ENTERED AT 13:42:57 ON 24 JAN 2005

L1 1753 S MEBENDAZOLE  
L2 1758 S L1 OR VERMOX  
L3 1732757 S CANCER? OR TUMOR? OR NEOPLAS? OR APOPTO?  
L4 26 S L2 AND L3  
L5 26 S L4 NOT @PY>2000  
L6 20 S L4 NOT PY>2000  
L7 19 S L6 NOT PY>1999  
L8 670 S L2/TI  
L9 0 S L2/ABS  
L10 955 S L2/AB  
L11 1268 S L10 OR L8  
L12 597392 S L3/TI  
L13 777250 S L3/AB  
L14 13 S L11 AND L13  
L15 8 S L14 NOT PY>1999

FILE 'STNGUIDE' ENTERED AT 13:49:38 ON 24 JAN 2005

FILE 'CAPLUS' ENTERED AT 13:50:19 ON 24 JAN 2005

L16 884 S MEBENDAZOLE OR VERMOX  
L17 684574 S CANCER? OR TUMOR? OR NEOPLAS? OR APOPTO?  
L18 727 S L16/AB  
L19 517143 S L17/AB  
L20 5 S L19 AND L18  
L21 21 S L16 AND L17  
L22 5 S L21 NOT PY>2000  
L23 2 S L20 NOT PY>2000

FILE 'PCTFULL' ENTERED AT 13:57:06 ON 24 JAN 2005

L24 279 S MEBENDAZOLE  
L25 83484 S CANCER? OR TUMOR? OR NEOPLAS? OR APOPTO?  
L26 134 S L24 AND L25  
L27 1 S L24/AB  
L28 17127 S L25/AB  
L29 20 S L28 AND L24  
L30 4 S L29 NOT PY>1999

OCUMENT NUMBER: 127:60207  
TITLE: Carcinogenicity testing and the evaluation of  
regulatory requirements for pharmaceuticals  
AUTHOR(S): Contrera, Joseph F.; Jacobs, Abigail C.; DeGeorge,  
Joseph J.  
CORPORATE SOURCE: Office Testing and Research and Office of Review  
Management, U.S. Food and Drug Admin., Center for Drug  
Evaluation and Research, Rockville, MD, 20857, USA  
SOURCE: Regulatory Toxicology and Pharmacology (1997), 25(2),  
130-145  
CODEN: RTOPDW; ISSN: 0273-2300  
PUBLISHER: Academic  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1988:15796 CAPLUS  
DOCUMENT NUMBER: 108:15796  
TITLE: Inhibition of testicular 17 $\alpha$ -hydroxylase and  
17,20-lyase but not 3 $\beta$ -hydroxysteroid  
dehydrogenase-isomerase or 17 $\beta$ -hydroxysteroid  
oxidoreductase by ketoconazole and other imidazole  
drugs  
AUTHOR(S): Ayub, M.; Levell, M. J.  
CORPORATE SOURCE: Dep. Chem. Pathol., Univ. Leeds, Leeds, LS2 9LN, UK  
SOURCE: Journal of Steroid Biochemistry (1987), 28(5), 521-31  
CODEN: JSTBBK; ISSN: 0022-4731  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L22 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1978:470988 CAPLUS  
DOCUMENT NUMBER: 89:70988  
TITLE: Antimitotic properties of certain embryotoxic  
anthelmintics and teratogens derived from  
benzimidazole  
AUTHOR(S): Lapras, M.; Delatour, P.  
CORPORATE SOURCE: Ec. Natl. Vet., Lyon, Fr.  
SOURCE: Proceedings of the European Society of Toxicology  
(1977), 18(Clin. Toxicol.), 294-6  
CODEN: PESTD5; ISSN: 0166-6169  
DOCUMENT TYPE: Journal  
LANGUAGE: French

ACCESSION NUMBER: 93161813 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 1286579  
TITLE: Two cases of disseminated toxocariasis in compromised hosts  
successfully treated with **mebendazole**.  
AUTHOR: Krcmery V Jr; Gould I; Sobota K; Spanik S  
CORPORATE SOURCE: Department of Clinical Oncology, Postgraduate Medical  
School, Bratislava, Czechoslovakia.  
SOURCE: Chemotherapy, (1992) 38 (5) 367-8.  
Journal code: 0144731. ISSN: 0009-3157.  
PUB. COUNTRY: Switzerland  
DOCUMENT TYPE: (CASE REPORTS)  
Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199303  
ENTRY DATE: Entered STN: 19930402  
Last Updated on STN: 19930402  
Entered Medline: 19930317

ACCESSION NUMBER: 85244473 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 4012246  
TITLE: Tumours and pseudotumours of the chest wall.  
AUTHOR: Rami-Porta R; Bravo-Bravo J L; Aroca-Gonzalez M J;  
Alix-Treuba A; Serrano-Munoz F  
SOURCE: Scandinavian journal of thoracic and cardiovascular  
surgery, (1985) 19 (1) 97-103.  
Journal code: 0121343. ISSN: 0036-5580.  
PUB. COUNTRY: Sweden  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198507  
ENTRY DATE: Entered STN: 19900320  
Last Updated on STN: 19980206  
Entered Medline: 19850729



ACCESSION NUMBER: 1977:83665 CAPLUS  
DOCUMENT NUMBER: 86:83665  
TITLE: Embryotoxic and antimitotic properties of  
benzimidazole compounds  
AUTHOR(S): Delatour, P.; Richard, Y.  
CORPORATE SOURCE: Lab. Toxicol. Virol., Ec. Natl. Vet. Lyon, Lyons, Fr.  
SOURCE: Therapie (1976), 31(4), 505-15  
CODEN: THERAP; ISSN: 0040-5957

DOCUMENT TYPE: Journal  
LANGUAGE: French

AB Of the 24 benzimidazole I derivs. studied, the 5- and 2-N-benzimidazolylcarbamates showed the greatest embryotoxicity in rats. Carbendazime [10605-21-7] was among the most toxic, being 100% embryolethal with maternal administration of  $2 + 10^{-4}$  M/kg, orally, and producing anomalies in all embryos at  $1 + 10^{-4}$  M/kg. Both in vivo and in vitro inhibition of cell proliferation was absd. An increase in the mitotic index of various cell cultures occurred. This was due to mitotic abnormalities (stathmometaphase) and picnotic nuclei. Multinuclear and multilobular cells along with giant polyploid nuclei were also seen. In mice with Ehrlich carcinoma parbendazole [14255-87-9], **mebendazole** [31431-39-7], and cambendazole [26097-80-3] inhibited tumor growth and increased survival time. Structure-activity relationships are discussed.

L22 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1976:144910 CAPLUS  
DOCUMENT NUMBER: 84:144910  
TITLE: Embryotoxic and antimitotic properties of  
parbendazole, **mebendazole** and cambendazole  
AUTHOR(S): Delatour, Paul; Lorgue, Guy; Lapras, Michel; Richard, Yves  
CORPORATE SOURCE: Lab. Toxicol., Ec. Natl. Vet. Lyon, Lyons, Fr.  
SOURCE: Comptes Rendus des Seances de l'Academie des Sciences, Serie D: Sciences Naturelles (1976), 282(5), 517-18  
CODEN: CHDDAT; ISSN: 0567-655X

DOCUMENT TYPE: Journal  
LANGUAGE: French

AB In rats, parbendazole [14255-87-9], **mebendazole** [31431-39-7], and cambendazole [26097-80-3] ( $10^{-4}$  moles/kg, orally, days 8-15 of gestation) had teratogenic activity. All three anthelmintics also inhibited mitosis in 4 mouse leukemias.

ACCESSION NUMBER: 1996016664 PCTFULL ED 20020514  
 TITLE (ENGLISH): COMPOSITIONS FOR THE TREATMENT OF PARASITIC AND FUNGAL INFECTIONS  
 TITLE (FRENCH): COMPOSITIONS DESTINEES AU TRAITEMENT DES PARASITOSE ET DES INFECTIONS FONGIQUES  
 INVENTOR(S): MCCAFFREY, Ronald, P.;  
 WIGZELL, Hans, L., R.;  
 SUGAR, Alan, M.  
 PATENT ASSIGNEE(S): THE UNIVERSITY HOSPITAL  
 LANGUAGE OF PUBL.: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

NUMBER	KIND	DATE
-----		
WO 9616664	A1	19960606

DESIGNATED STATES  
 W:

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE  
 HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX  
 NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN  
 KE LS MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU  
 MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

APPLICATION INFO.: WO 1995-US15116 A 19951130  
 PRIORITY INFO.: US 1994-8/351,067 19941130  
 US 1994-8/351,068 19941130